import java.util.ArrayList;

import java.util.Scanner;

public class EmailValid {

public static void main(String[] args) {

// Initialize the array of email IDs

String[] emailIds = {"shub@gmail.com", "akash@gmail.com",

"aman@gmail.com", "shweta@gmail.com",

"diana@gmail.com","gagan@gmail.com"};

// Read the email ID to search from the user

Scanner input = new Scanner(System.in);

System.out.print("Enter the email ID to search: ");

String searchTerm = input.nextLine();

int index = searchEmail(emailIds, searchTerm);

if (index == -1) {

System.out.println("Email ID not found.");

}

else {

System.out.println("Email ID found at index " + index);

}

}

public static int searchEmail(String[] emailIds, String searchTerm) {

// Loop through the array to find the index of the email ID

for (int i = 0; i < emailIds.length; i++) {

if (emailIds[i].equals(searchTerm)) {

return i;

}

}

return -1;

}

}